Declaration and Power of Attorney for Patent Application

特許出顧官言書及び委任社

Japanese Language Dedaration

日本語置言書

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位、从下に!	記名をおた品収金と	こして、ここに下丘の通り立すする:	As a below named inventor, I hereby declare that:
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A 作音	REPORT LTE	は終止、私の氏名の数に記載された遺	My residence, post office address and differenthip are as stated
34.			ned to my name.
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		7 乳红、黄砂、蒸水点/洗 了几个	is listed below) or an original, first and joint inventor (it plured names
			are licited below) of the subject matter which is claimed and for which
かり (現る)	カナカる(花町の)	氏者が記載されている場合)と位じて	a palent is sought on the invention antitled
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		50、且つ 日に書正された出版(改造する場合)	I haraby clate that I have reviewed and understand the contents of the above transford specification, including the claims, as attended.
		59、且つ 日に書正を九☆出展(改造する場合)	and was amended on (if applicable). (if applicable).
		50、且つ 日に書正された出版(改造する場合)	I haraby clate that I have reviewed and understand the contents of the above translated specification, including the claims, as anything
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私法、上百貨糧金を投資	この音で無によって思い、見つ内容を思	50、且つ 3に書正された出版(政治する場合) 書正された、特殊最早時間を含む上記 単していることをここに登成する。	I hareby clate that I have reviewed and understand the contents of the above transition specification, including the claims, as amende by any emendment referred to above. I acknowledge the duty to displace information which is material to petentability as defined in Title 37, Code of Federal Regulations,
私绘、上面假雕曲名技术	この音で無によって思い、見つ内容を思	50、且つ 3に書正を九た出版(政治する場合) 書正を九た、有許宏東韓國を含む上記 単していることをとこに宝喰する。	(if applicable). (hareby claim that I have reviewed and understand the contents of the above transford specification, including the claims, as amende by any emendment referred to above.

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2002-202177	Japan	11/7/2002	
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私は、ここに交換された私自身の 及っ個和とはずることにあづくの 見っ個はし、おうに、政事に対し、 を18種類1001登に帯づき、 はより表別され、またそのような により表別され、またそのような	2が、高浸であるとほじられること [注むどを行った場合は、井田洗角 水上たは角葉、岩しく比その異方	I hereby declare that all statements towardage are true and that all state and belief are believed to be true; a work made with the towardage that like so made are punishable by the Septem 1801 of Tible 18 of the Unit	ements made on information and further that there statements in will late statements and the or importantment, or both, under

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多位还付完

すること)



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Send Correspondence to:

Dr. Jeffrey I. Auerbach, Esq. (Reg. No 32,680) Liniak, Baranato & White, LLC 6550 Rock Spring Dr., Suite 240 Bethesda, MD 20817 USA

直通电过连转头: (氏名及び定营委号)

Direct Talephone Calls to: (name and telephone number)

Jeffrey I. Auerbach (301) 896-0600

医一直允许医一角腺素医多		Full name of sole or first investor	
Norio YUKI	*:.		
司者の要素	田村	inventor's signature	Date
Prorio Juki	July 7, 20	03	
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音層 Technology	Contor of NIPPON	MINING & METALS CO., LTD.	
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JAPAN	4.5		
		Post Office Address	
節任の発充			
第二共同使用者がいる場合、その氏名		Full name of second joint inventor, if any	
Toshiyuki ONO	Btt	Second lovertor's signature	Date
第二共同時間名の著名			
Foshiyaki Ono	July 7, 2		
	- · · · · · · · · · · · · · · · · · · ·	Residence	
c/o Technical Development	Center of NIPPO	MINING & METALS CO., LTD.	
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正通言基準格会: (氏名及び電路要号)

Direct Talephona Calls lot (name and telephone number)

唯一主た让第一类现在丘名	•	Full name of third joint inventor, if any	
Takashi SHIBATA	•		
R 17 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	日は	Inventor's signature	Date
Tabashi Shibat	July 7,	2003	•
A /O JAPAN STEEL WORK	S CO., LTD.	Residence .	
4, Chatsumachi, Muro		1-8505 JAPAN	*
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JAPAN -			
単便の弁先		Post Office Address	·· ·····
版二共同発現者がいる場合、その氏:	§	Full name of fourth Joint Inventor, it any	
Shinji TANAKA	日幣	Second inventor's signature	Darke
Shinji TANAKA 第二共同時間書の筆名 Shinji Tanaka	明 July 7	Second inventor's signature , 2003	Date
Shinji TANAKA 基三共同和位金多名 Shinji Tanaka EE/O JAPAN STEEL WORK	HH July 7	Second invertor's signature , 2003 Residence	Darie
Shinji TANAKA 基二共同項目の事名 Shinji TanaKq EE/O JAPAN STEEL WORK 4, Chatsumachi, Muro	HH July 7	Second invertor's signature , 2003 Residence	Dare
Shinji TANAKA =================================	HH July 7	Second inventor's signature , 2003 Residence 1-8505 JAPAN	Date
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Joint Inventors.)

POWER OF ATTORNEY FROM ASSIGNEE

	td., a Company of Japan, having a plac	e of business at:
(indicate address of assignee):		
10-1, Toranomon 2-chome, Minato-ku,		, ·
	and interest for the United States of An	
	y reason of an Assignment to the Assig	nee executed on
(indicate execution date of Assignment):_		
enclosed herewith, of an invention	known as	C/ /
(indicate title of Application): Fe - Ni	-Co Ally Thin Strip for Low coefficient of Thermal I patent application of the same title by	Shadow MASILS
Hoving High Strength and	LOW CUEFFICIENT OF THEMPO	xpansion
which is disclosed and claimed in a	patent application of the same title by	the inventor(s):
(indicate names of inventors): Non/o	YUKZ	
	IKI ONO	· · · · · · · · · · · · · · · · · · ·
Shinji	TANAKA	······································
TAKASL	i SHIBATA	·
said application filed at the U.S. Pa	tent and 1 rademark Office:	
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Lin	iak, Berenato & White, LLC	
	6550 Rock Spring Drive	
	Suite 240	
٠.	Bethesda, MD 20817	
Telephone: 301-896-0600	;	28410
Facsimile: 301-896-0607		PATENT TRADEMARK OFFICE
	*	
FOR: N	Sippon Mining & Metals, Co., Ltd.	·
SIGNATURE: _	Kazno oh	
BY: _	Kazuo OKI	
TITLE: _	President	
DATE: _	July 7, 2003	· · · · · · · · · · · · · · · · · · ·

POWER OF ATTORNEY FROM ASSIGNEE

Japan Steel Works, Co., Ltd., a Company of Japan, having a pla	ice of business at:
(indicate address of assignee):	
Hibiya Mitsui Building, 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo, JAI	
is assignee of the entire right, title and interest for the United State	•
U.S.C. § 100) and for the World, by reason of an Assignment to the	ne Assignee executed on
(indicate execution date of Assignment): July 7, 2003	·
enclosed herewith, of an invention known as	5/-1. Max
(indicate title of Application): Fe - Ni - Co Alloy Thin Ste	up for show I've
which is disclosed and claimed in a patent application of the same	of Theomol Expan
(indicate names of inventors): $Nonic$ Y U K I	title by the inventor(s):
Toskiyuki ONO Shinzi TANAKA	•
TOKOSLÍ SHIBATA	•
INEWS / SIGURIA	•
said application filed at the U.S. Patent and Trademark Office:	•
Herewith, or	* .
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The Assignee hereby appoints Jeffrey I. Auerbach, Reg. No. 32,	680 to prosecute this
application and any continuation, divisional, continuation-in-part,	or reissue application thereof
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6550 Rock Spring Drive	
Suite 240	{4 T 4 T 1 T 1 T 1 T 1 T
Bethesda, MD 20817	28410
Telephone: 301-896-0600	PATENT TRADEMARK OFFICE
Facsimile: 301-896-0607	
FOR: Japan Stad Works, Co., Ltd.	
7747 411	
SIGNATURE:	
BY: Masahisa NAGATA	
TITLE: President	
DATE July 7, 2003	•